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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/635,485	08/07/2003	Alejandro Wiechers	200207415-1	1068

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HEWLETT PACKARD COMPANY  
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INTELLECTUAL PROPERTY ADMINISTRATION  
FORT COLLINS, CO 80527-2400

EXAMINER
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MILIA, MARK R

ART UNIT	PAPER NUMBER
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2625

NOTIFICATION DATE	DELIVERY MODE
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12/12/2008

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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<b>Office Action Summary</b>	<b>Application No.</b> 10/635,485	<b>Applicant(s)</b> WIECHERS, ALEJANDRO	
	<b>Examiner</b> Mark R. Milia	<b>Art Unit</b> 2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 19 November 2008.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-5 and 12-28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5 and 12-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/19/08 has been entered. Currently, claims 1-5 and 12-28 are pending.

### ***Response to Arguments***

2. Applicant's arguments with respect to claims 1 and 20 have been considered but are moot in view of the current amendment to the claims and therefore a new ground(s) of rejection will be made.

### ***Claim Rejections - 35 USC § 103***

3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

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4. Claims 1-5, 12-17, and 20-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Roztocil (US 2001/0044868) in view of Schorr (US 6,608,697).

Regarding claim 1, Roztocil discloses a method of managing workflow in a commercial printing environment including a designer location and a print service provider location, said method comprising: creating at the designer location a digital file that represents an image to be printed (see Fig. 1 and paragraph 22), receiving at the designer location from the print service provider location real time configuration information regarding a print production device at the print service provider location (see paragraphs 23, 32 lines 22-26, 45 lines 1-6, 46 lines 1-16, and 52, reference states that a digital print shop contains computer workstations **114** and **116**, servers **118** and **120**, and output devices **122** connected via network **112**; network **112** may include a plurality of networks types, such as wired, wireless, LAN, Ethernet, or WAN (Internet); print jobs are received and manipulated using computers **114** and **116** and as such makes up the designer location, reference also states that computers **114** and **116** maybe combined into one workstation; print server **120** and output devices **122** make up the print service provider location, therefore, communication between the computers **114** and **116** and server **120** and output devices **122** is established based on the output device (printer) selected by the user), creating at the designer location a high performance file using the real time configuration information from the print service provider location, the high performance file comprising the digital file that represents the image to be printed and processing instructions that indicate how a print job associated with the high performance file is to be processed (see Fig. 1 and paragraphs 23, 25, and 27-28,

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reference states that output device availability and capabilities provided to a user and are utilized in print job fulfillment, and also states that “print ready” files are created at the designer location, computers **114** and **116**, during job preparation which takes output device attributes into consideration), submitting the high performance file from the designer location to the print service provider location via an electronic network (see paragraphs 22 lines 8-13, 25 lines 9-11, 29, and 32 lines 22-26), verifying at the print service provider location that print the print job will be processed at the print service provider location as indicated by the processing instructions contained in the high performance file and, if not, correcting the high performance file to ensure processing substantially as designed (see paragraphs 29-30, 45-48, and 56), and performing at the print service provider location automated printing on a digital printer using, if created, the corrected high performance file, else using the verified high performance file (see Fig. 1 and paragraphs 29-30, 33 lines 2-4, 45 lines 1-6, 46-48, and 56).

Roztocil does not disclose expressly automatically checking for common errors associated during a prepress stage by automatically pre-flighting the document to be printed, automatically revising incorrect printing instructions and adding missing printing instructions, automatically providing a remote proofing function for a customer of the document to be printed and automatically tracking the printing of the document by continuously monitoring and updating a status of the document to be printed.

Schorr discloses automatically checking for common errors associated during a prepress stage by automatically pre-flighting the document to be printed (see Fig. 1A **101** and column 8 lines 6-18), automatically revising incorrect printing instructions and

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adding missing printing instructions (see column 8 lines 15-18, print vendor **117** corrects errors), automatically providing a remote proofing function for a customer of the document to be printed and automatically tracking the printing of the document by continuously monitoring and updating a status of the document to be printed (see column 8 line 19-column 9 line 53 and column 12 lines 33-50, a customer can use a web page interface to track the progress of the print job along with associated errors or lack thereof).

Regarding claim 20, Roztocil discloses a system for managing workflow in a commercial printing environment, said system comprising: a designer location configured to: create a digital file that represents an image to be printed (see Fig. 1 and paragraph 22), receive from a print service provider location real time configuration information regarding a print production device at the print service provider location (see paragraphs 23, 32 lines 22-26, 45 lines 1-6, 46 lines 1-16, and 52, reference states that a digital print shop contains computer workstations **114** and **116**, servers **118** and **120**, and output devices **122** connected via network **112**; network **112** may include a plurality of networks types, such as wired, wireless, LAN, Ethernet, or WAN (Internet); print jobs are received and manipulated using computers **114** and **116** and as such makes up the designer location, reference also states that computers **114** and **116** maybe combined into one workstation; print server **120** and output devices **122** make up the print service provider location, therefore, communication between the computers **114** and **116** and server **120** and output devices **122** is established based on the output device (printer) selected by the user), create a high performance file using the real time configuration

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information from the print service provider location, the high performance file comprising the digital file that represents the image to be printed and processing instructions that indicate how a print job associated with the high performance file is to be processed (see Fig. 1 and paragraphs 23, 25, and 27-28, reference states that output device availability and capabilities provided to a user and are utilized in print job fulfillment, and also states that “print ready” files are created at the designer location, computers **114** and **116**, during job preparation which takes output device attributes into consideration), and submit the high performance file to the print service provider location via an electronic network (see paragraphs 22 lines 8-13, 25 lines 9-11, 29, and 32 lines 22-26), and a print service provider location configured to: verify that the print job will be processed at the print service provider location as indicated by the processing instructions contained in the high performance file and, if not, correct the high performance file to ensure processing substantially as designed (see paragraphs 29-30, 45-48, and 56), and perform automated printing on a digital printer using, if created, the corrected high performance file, else using the verified high performance file (see Fig. 1 and paragraphs 29-30, 33 lines 2-4, 45 lines 1-6, 46-48, and 56).

Roztocil does not disclose expressly automatically checking for common errors associated during a prepress stage by automatically pre-flighting the document to be printed, automatically revising incorrect printing instructions and adding missing printing instructions, automatically providing a remote proofing function for a customer of the document to be printed and automatically tracking the printing of the document by continuously monitoring and updating a status of the document to be printed.

Schorr discloses automatically checking for common errors associated during a prepress stage by automatically pre-flighting the document to be printed (see Fig. 1A **101** and column 8 lines 6-18), automatically revising incorrect printing instructions and adding missing printing instructions (see column 8 lines 15-18, print vendor **117** corrects errors), automatically providing a remote proofing function for a customer of the document to be printed and automatically tracking the printing of the document by continuously monitoring and updating a status of the document to be printed (see column 8 line 19-column 9 line 53 and column 12 lines 33-50, a customer can use a web page interface to track the progress of the print job along with associated errors or lack thereof).

Roztocil & Schorr are combinable because they are from the same field of endeavor, printing based on printer capabilities.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine the pre-flight automatic checking and correcting of common errors for a document to be printed, as described by Schorr, with the system of Roztocil.

The suggestion/motivation for doing so would have been to reduce the need to reprint a document due to an error than could have been easily corrected prior to actual printing, thereby saving printer resources and increasing system efficiency, and to enable a user to receive his/her document(s) when, how, and where they desire to increase overall system efficiency and enhance user operability.

Therefore, it would have been obvious to combine Schorr with Roztocil to obtain the invention as specified in claims 1 and 20.



Regarding claims 2 and 21, Roztocil further discloses wherein verifying comprises performing automated remote printing setup (see paragraph 29).

Regarding claims 3 and 22, Roztocil further discloses wherein performing automated printing comprises performing automated printing in accordance with printing instructions contained within the high performance file (see paragraph 25 lines 29-36).

Regarding claims 4 and 23, Roztocil further discloses wherein correcting includes reading printing instructions prepared at the designer location and contained within the high performance file, and preparing appropriate corresponding instructions for the digital printer at the print service provider location (see paragraphs 30, 45-48, and 56).

Regarding claims 5 and 24, Roztocil further discloses wherein correcting further comprises updating a job ticket corresponding to the high performance file (see paragraph 46).

Regarding claim 12, Roztocil further discloses wherein verifying comprises automatically ensuring the digital file and instruction files are contained within the high performance file (see paragraphs 29-30, 45-48, and 56).

Regarding claims 13 and 25, Roztocil further discloses wherein verifying comprises automatically checking to see if a digital printer selected at the designer location is available ( see paragraph 45 lines 1-6).

Regarding claims 14 and 26, Roztocil further discloses wherein verifying comprises automatically checking to see if there are any errors in the high performance

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file that would prevent the print job from being completed properly (see paragraphs 29-30, 45-48, and 56).

Regarding claims 15 and 27, Roztocil further discloses wherein correcting the high performance file comprises adding missing instructions or revising instructions contained within the high performance file to account for changes in equipment (see Fig. 1 and paragraphs 29-30, 33 lines 2-4, 45 lines 1-6, 46-48, and 56).

Regarding claim 16, Roztocil further discloses wherein correcting the high performance file comprises performing a new imposition setup to change imposition instructions contained in the high performance file (see paragraph 30).

Regarding claim 17, Roztocil further disclose wherein correcting the high performance file comprises performing a new finishing setup and change finishing instructions contained in the high performance file (see paragraphs 45-48 and 56).

Regarding claim 28, Roztocil further discloses wherein the print service provider location is configured to correct the high performance file by performing at least one of a new imposition setup, a new finishing setup, a new packaging setup, and a new shipping setup and change instructions contained in the high performance file (see paragraphs 30, 45-48, and 56).

5. Claims 18 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Roztocil and Schorr as applied to claim 1 above, and further in view of Kemp (US 2002/0078160).

Regarding claim 18, Roztocil discloses correcting the high performance file comprises adding missing instructions or revising instructions contained within the high performance file to account for changes in equipment (see Fig. 1 and paragraphs 29-30, 33 lines 2-4, 45 lines 1-6, 46-48, and 56).

Roztocil and Schorr do not disclose expressly wherein correcting the high performance file comprises performing a new packaging setup and change packaging instructions contained in the high performance file.

Kemp discloses wherein correcting the high performance file comprises performing a new packaging setup and change packaging instructions contained in the high performance file (see paragraphs 64, 67, and 84-85).

Regarding claim 19, Roztocil discloses correcting the high performance file comprises adding missing instructions or revising instructions contained within the high performance file to account for changes in equipment (see Fig. 1 and paragraphs 29-30, 33 lines 2-4, 45 lines 1-6, 46-48, and 56).

Roztocil and Schorr do not disclose expressly wherein correcting the high performance file comprises performing a new shipping setup and change shipping instructions contained in the high performance file.

Kemp discloses wherein correcting the high performance file comprises performing a new shipping setup and change shipping instructions contained in the high performance file (see paragraphs 64, 67, and 84-85).

Roztocil, Schorr, & Kemp are combinable because they are from the same field of endeavor, printing based on printer capabilities.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine the correcting of a print job by updating a job ticket with new finishing, shipping, or packaging options, as described by Kemp, with the system of Roztocil and Schorr.

The suggestion/motivation for doing so would have been to ensure that a print job is executed by a printing device even if certain print options/settings cannot be performed by the printing device so that the user will still obtain some form of printed output.

Therefore, it would have been obvious to combine Kemp with Roztocil and Schorr to obtain the invention as specified in claims 18 and 19.

### ***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. To further show the state of the art please refer to the attached Notice of References Cited.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark R. Milia whose telephone number is (571)272-7408. The examiner can normally be reached M-F 8:00am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Moore can be reached at (571) 272-7437. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Mark R. Milia  
Examiner  
Art Unit 2625

/Mark R. Milia/  
Examiner, Art Unit 2625

/David K Moore/  
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